CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL Submit an original, and a duplicate for fee processing. (Only for Continuation or Divisional applications under 37 CFR 1.53(d)) Address Lirange Commissioner for Patents Washington, DC 20231 Box CPA Commissioner for Patents Washington, DC 20231 Attorney Docket No. of Prior Application First Named Inventor Examiner Name D. Kang Group Art Unit Express Mail Label No. This is a request for a X continuation or divisional application under 37 CFR 1.53(d), (continued prosecution application (CPA)) of prior application number O9/371,955 filed on August 11, 1999, entitled ENHANCED BARRIER LINER FORMATION FOR VIAS NOTES NOTES NOTES NOTES NOTES NOTES NOTES FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51 (b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 28, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice (Apr. 11, 2000). Interin Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000). C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53 (d), but must be filed under 37 CFR 1.53(b). EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the
Box CPA Commissioner for Patents Washington, DC 20231 Examiner Name D. Kang
Box CPA Commissioner for Patents Washington, DC 20231 Examiner Name
Washington, DC 20231 Examiner Name D. Rang
This is a request for a X continuation or divisional application under 37 CFR 1.53(d), (continued prosecution application (CPA)) of prior application number 09/371,955, filed on August 11, 1999, entitled ENHANCED BARRIER LINER FORMATION FOR VIAS NOTES FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51 (b), or (2) the national stage of an international application in compliance with 35 U.S.C 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application. See "Request for Continued Examination Practice changes to and Provisional Application Procedure," Final Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000). C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53 (d), but must be filed under 37 CFR 1.53(b). EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to.
This is a request for a X continuation or divisional application under 37 CFR 1.53(d), (continued prosecution application (CPA)) of prior application number 09/371,955, filed on August 11, 1999, entitled ENHANCED BARRIER LINER FORMATION FOR VIAS NOTES FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51 (b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000, a CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000). C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53 (d), but must be filed under 37 CFR 1.53(b). EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to.
(continued prosecution application (CPA)) of prior application number 09/371,955 filed on August 11, 1999, entitled ENHANCED BARRIER LINER FORMATION FOR VIAS NOTES FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51 (b), or (2) the national stage of an international application in compliance with 35 U.S.C 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000). C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53 (d), but must be filed under 37 CFR 1.53(b). EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to.
FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51 (b), or (2) the national stage of an international application in compliance with 35 U.S.C 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000). C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53 (d), but must be filed under 37 CFR 1.53(b). EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to.
EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned. ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to.
under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to,
copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.
35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).
Enter the unentered amendment previously filed on August 20, 2001 under 37 CFR 1.116 in the prior nonprovisional application.
2. A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4)
a. DELETE the following inventor(s) named in the prior nonprovisional application:
4. A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
a. PTO-1449 09/19/2001 TGEDANIOI 00000017 07317350 b. Copies of IDS Citations 01 FC:131 02 FC:102 640.00 GP

PTO/SB/29(10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CLAIM	(1) FOR	(2) NUMBER	FILED	(3) NUMBER EXTRA	(4) F	RATE		(5) CALCU	JLATIONS		
OLAHVI	TOTAL CLAIMS		20* =	 	x\$	•	=	\$	0.00		
	(37 CFR 1.16(c) or (j)) INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))		3** =	8		30.00	=		0.00		
	MULTIPLE DEPENDENT CLAIMS (if applicable) 37 CFR 1.16(d)) +\$ =										
	BASIC FEE (37 CFR 1.16)							710.00			
	Total of above Calculations =								1,350.00		
	Reduction by 50% for filing by small entity (Note 37 CFR 1.27).										
	* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent. TOTAL =								\$ 1,350.00		
6. Sr	nall entity status:	Applicant clair	ms small	entity status. See 3	37 CFR 1.2	27.					
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to											
Deposit Account No. <u>04-1073</u> :											
a. Fees required under 37 CFR 1.16.											
b. x Fees required under 37 CFR 1.17.											
c. Fees required under 37 CFR 1.18.											
8. X A	8. X A check in the amount of \$1,350.00 is enclosed.										
9. Pa	9. Payment by credit card. Form PTO-2038 is attached.										
10. Applicant requests suspension of action under 37 CFR 1.103(b) for a period of months											
(not to exceed 3 months) and the fee under 37 CFR 1.17(i) is enclosed.											
11. New Attorney Docket Number, if desired [Prior application Attorney Docket Number will carryover to this CPA <u>unless</u> a new Attorney Docket Number has been provided herein.]											
12. a. Receipt For Facsimile Transmitted CPA (PTO/SB/29A)											
b. x Return Receipt Postcard (Should be specifically itemized, See MPEP 503)											
13. Other:											
	The prior applicat	ion's correspond	dence addre	ess will carry over to th	is CPA UNL	ESS					
NOTE: a new correspondence address is provided below. 14. NEW CORRESPONDENCE ADDRESS											
	untomor Number or Par Co	T T	LW CORK	-SI ONDENCE ADDICE	or		New co	rrespondenc	e address below		
	ustomer Number or Bar Co	ue Laber					, , , , , , ,				
Name					- :						
Address											
City	 		State		Zip (Code					
Country			Telephone			Fax					
	15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED										
<u> </u>	Name (Print/Type) Thomas J. Demico										
	Signature										
ļ	Registration No. (Attorney/Agent) 28,371										
	Date September 18, 2001										